SEE FIG 1

TANK TO TANK MAIN LINE - $\frac{1}{2}$ 032" COPPER OR ALUM TUBE, 53" LONG (7695)

VENT TUBE - A7284 D8066 B

INVERTED MALE ELBOW *400×4

PIPE BUSHING *3224×2

FRONT WING HINGE FITTING

FUEL GAUGE

SEE FIG 3

SEE D5247-B FOR INSTALL OF FUEL LINE CLAMPS

HEADER TANK. FOR INSTALL SEE DWG D7544-C

FOR CLAMP INSTALLATION SEE DWG D2201-B

MAIN TANK BODY

TANK OUTLET FITTING

FINGER STRAINER A7196-D7410-A

SEE FIG 3

SEE FIG. 4

SEE FIG. 5

WIRE SAFETIED TJ BRACKET

TJ PRIMER PUMP

FIREWALL

STRAINER MOUNTING BRACKET

FUEL SHUT OFF CONTROL BOX

FUEL LINE TO SHUT-OFF COCK SEE FIG 5

FUEL STRAINER PLUG 7596 L7482-A

MAIN TANK OUTLET A7279 D8068-B

45° INVERTED MALE ELBOW-352×6

FUEL STRAINER KEM 500 P

SEE FIG 6

HEADER TANK BODY

6" OVER ALL LENGTH × $\frac{3}{16}$" I.D. *9420 FLEX-O-TUBE WITH *12469 COUPLINGS AT BOTH ENDS

MAIN TANK BODY

HEADER TANK INLET A7282 D8068 B

TANK VENT FITTING

TANK INLET FITTING

FIG 1

FIGURE 6

$\frac{1}{2}$" WEATHERHEAD HOSE TYPE 2812 AND CLAMPS

FIG. 3

CLAMP 80002-7

*6-32 MACH SCREW & NUT

AN3-4
AN310-3
AN380-2-2

SHAKESPEARE SWIVEL FITTING (4286) STUD (4280) & NUT

CLAMP ASSEMBLY A2030 D2208-A

*4-36 MACH SCREWS, LOCK WASHERS & NUTS

TANK OUTLET

$\frac{1}{4}$ CLOSE NIPPLE -3326×4

ELBOW 7383 D7311-A

SUPPORT TUBE 7690 D7543-A

CLAMP 80002-9

45° INVERTED MALE ELBOW 352×6

INVERTED MALE CONNECTOR 200×2

PRIMER INTAKE LINE 7702 D8064-B

FUEL VALVE A7220 D7469-A

$\frac{1}{8}$ INVERTED NUT -105×2

FUEL LINE A7283 D8067-B

FAIRING CHANNEL

FIG 2

FIGURE 5

FIG 4

MAY251966

LET.	REVISION	DATE	BY
E	REDRAWN WITHOUT CHANGE	2-13-46	E.L.N.
D	NOTE ADDED	11-5-41	V.F.
C	FIG. 2 DELETED	11-5-41	V.F.
B	VIEW ADDED	3-31-41	V.F.
A	VIEW ADDED	3-27-41	V.F.

TOLERANCE — DO NOT SCALE — DATE OF PRINT

SCALE — MATERIAL SEE REFS.
SUPERSEDES D7303-C — FINISH
SR. FIRST SHIP — WEIGHT
SR. LAST SHIP — No. PER SHIP 1
SUPERSEDED BY — MODELS J5
ON ASSEMBLY

PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.

SCHEMATIC DIAGRAM FUEL SYSTEM

DRAWN	CHECKED	APPROVED	TITLE
F B 3-14-41	M.H 3-17-41		D7546-C